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To:	Examiner Helen Shibru	From:	Ryan Alley
Fax:	571.273.7329	Date:	8/03/09
Phone:	571.272.7329	Pages:	10 (including cover sheet)
Your Ref:	10/810,635; 10/210,454; 10/716,367	Our Ref:	46500-000615, 614
Re:	Interview Requests	CC:	

☐ Urgent☐ For Review☐ Please Comment☒ Please Reply

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COMMENTS: PLEASE FIND ENCLOSED THREE INTERVIEW REQUESTS FOR APPLICATIONS 10/810,635; 10/210,454; AND 10/716,367. NOTE THAT APPLICANTS ARE CONSIDERING RCES IN TWO OF THE CASES AND THE INTERVIEWS FOR ALL CASES MAY BE HELD IN A SINGLE, SHORT TELEPHONE CALL. ENCLOSED ARE INTERVIEW AGENDAS SETTING FORTH THE SUBJECT MATTER REQUESTED TO BE DISCUSSED IN ANY INTERVIEW THAT IS GRANTED. AS NOTED, APPLICANTS ARE WILLING TO HOLD THE INTERVIEWS AT THE EXAMINER'S CONVENIENCE. PLEASE REPLY TO RYAN ALLEY AT 703.668.8046 OR RALLEY@HDP.COM REGARDING GRANTING AND/OR SCHEDULING THE INTERVIEWS.

Applicant Initiated Interview Request Form

Application No.: 10/716,367 First Named Applicant: Jana Hui Cho
 Examiner: Helen Shibru Art Unit: 2621 Status of Application: Finally Rejected

Tentative Participants:

(1) Ryan Alley (2) Examiner H. Shibru
 (3) _____ (4) _____

Proposed Date of Interview: Week of Aug. 3 Proposed Time: Examiner's choice AM/PM

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>103 Rejection</u>	<u>1</u>	<u>Sugimoto</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Continuation Sheet Attached

Brief Description of Argument to be Presented:

Applicants would like to discuss if a Request for Continued Examination submitting the enclosed claim would
 require further search and consideration over the current art.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

/Ryan Alley/
 Applicant/Applicant's Representative Signature
 Ryan E. Alley
 Typed/Printed Name of Applicant or Representative
 60,977

Registration Number, if applicable

Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

To: Examiner H. Shibru

Re: Requested Interview for 10/176,367

Applicants thank the Examiner for considering an interview on the subject case after final. During the interview, the parties would like to discuss filing a Request for Continued Examination submitting the following claim amendment in the subject case. Applicants wish to know only if the proposed amendment will overcome the rejections over prior art as applied (i.e., will require further search and consideration). Of course, the Examiner would be free to raise any other issues she feels will advance prosecution in this application:

25. (Currently Amended) A method of recording a multi-path stream on a recording medium, comprising the step of:

(a) recording a multi-path stream including video data of different paths, the ~~multi-path stream~~ video data including a plurality of data blocks, ~~each data block belonging to a substream for one of the paths~~, the data blocks of different paths being interleaved with each other; and

(b) creating ~~search~~ navigation information for the ~~multi-path stream~~ video data and recording the created ~~search~~ navigation information on the recording medium,

wherein the ~~search~~ navigation information includes a first navigation unit, the first navigation unit including at least one second navigation unit, the second navigation unit including an identifier identifying one of the different paths of the video data having at least one entry point ~~the at least one second navigation unit controlling at least two paths in the multi-path stream~~, the at least one second navigation unit referencing at least two third navigation units each controlling one of the different paths, each of the third navigation units identifying at least one entry point in the video data for the one path controlled by the third navigation unit, ~~the at least one second navigation unit including at least one identifier for identifying one of the two paths~~, a first of the at least ~~two~~ third navigation units including position information of the at least one entry point ~~identifying data blocks in a substream for a first of the two different paths~~, a second of the at least ~~two~~ third navigation units including position

information of the at least one entry point identifying data blocks in a substream for a second of the two different paths, the first navigation unit being separate from the third navigation units.

The claim amendment is attempting to separately recite the “identifiers” and “entry points” so that the entry points of Sugimoto cannot read on the recited “identifier” because they will read on only the “entry points.” The amendment also attempts to clarify that the third navigation units storing the “position information” for the entry points is separate from any navigation unit including the “identifiers” for the same. Applicants request only the Examiner’s indication whether such an amendment would overcome Sugimoto as applied with the other references.

PTOL-413A (07-09)

Approved for use through 07/31/2012. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**Applicant Initiated Interview Request Form**Application No.: 10/201,454First Named Applicant: Jana Hui ChoExaminer: Helen ShibruArt Unit: 2621Status of Application: NonFinal**Tentative Participants:**(1) Ryan Alley(2) Examiner H. Shibru

(3) _____

(4) _____

Proposed Date of Interview: Week of Aug. 3Proposed Time: Examiner's choice AM/PM**Type of Interview Requested:**(1) ☒ Telephonic(2) ☐ Personal(3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated:

☐ YES☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>103 Rejection</u>	<u>1</u>	<u>Sawabe/Yamane</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Continuation Sheet Attached**Brief Description of Argument to be Presented:**

Applicants would like to discuss if the enclosed claim would

require further search and consideration over the current art.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

/Ryan Alley/

Applicant/Applicant's Representative Signature

Ryan E. Alley

Typed/Printed Name of Applicant or Representative

60,977

Registration Number, if applicable

Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

To: Examiner H. Shibru

Re: Requested Interview for 10/201,454

Applicants thank the Examiner for considering an interview on the subject case after final. During the interview, the parties would like to discuss the following claim amendment in the subject case. Applicants wish to know only if the proposed amendment will overcome the rejections over prior art as applied (i.e., will require further search and consideration). Of course, the Examiner would be free to raise any other issues she feels will advance prosecution in this application:

10. (Currently Amended) A method for recording data for managing reproduction of video data representing reproduction paths, the method comprising:

- (a) receiving video data from an external source;
- (b) recording the received video data as a transport stream in a plurality of stream files on a recording medium, at least two of the stream files associated with multiple reproduction paths and the stream files interleaved with one another, and one or more stream files associated with a single reproduction path and the one or more stream files not interleaved with the stream files associated with multiple reproduction paths; and
- (c) recording at least one navigation list file, a plurality of navigation data items and a plurality of map[[s]] files, the at least one navigation list file including first and second navigation data items, the first navigation data item referencing more than one map file for managing the multiple reproduction paths and the second navigation data item referencing a single map file for managing the single reproduction path, and each navigation data item including an identifier identifying the map file associated with the navigation data item, the map file including at least one map each map associated with one of the files and providing position information data for the video data of the associated file, wherein a flag is stored in the first navigation data item, the value of the flag indicating that the first navigation data item is provided for the multiple reproduction paths, and wherein a flag is stored in the second

navigation data item, the value of the flag indicating that the corresponding second navigation data item is provided for the single reproduction path, and wherein the navigation list file is separate from the map file and the stream files.

The claim amendment is attempting to recite an “identifier” not currently in Sawabe or Yamane. The amendment also attempts to clarify that the navigation list file, map file, and stream file cannot be all in the same “file.” Thus, if the PGC1 of Sawabe is applied as, for example, the navigation list file, some other file would need to be identified to meet the map and stream files. Applicants request only the Examiner’s indication whether such an amendment would overcome Sugimoto as applied with the other references.

Applicant Initiated Interview Request Form

Application No.: 10/810,635 First Named Applicant: Jang Hui Cho
 Examiner: Helen Shibru Art Unit: 2621 Status of Application: NonFinal

Tentative Participants:

(1) Ryan Alley (2) Examiner H. Shibru
 (3) _____ (4) _____

Proposed Date of Interview: Week of Aug. 3 Proposed Time: Examiner's choice AM/PM

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>103 Rejection</u>	<u>1</u>	<u>Sawabe/Yamane</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Continuation Sheet Attached

Brief Description of Argument to be Presented:

Applicants would like to discuss if an RCE submitting the enclosed claim would

require further search and consideration over the current art. The content of this interview may be addressed
 in connection with 10/201,454

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

/Ryan Alley/
 Applicant/Applicant's Representative Signature
Ryan E. Alley
 Typed/Printed Name of Applicant or Representative
60,977
 Registration Number, if applicable

 Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

To: Examiner H. Shibru

Re: Requested Interview for 10/810,635

Applicants thank the Examiner for considering an interview on the subject case after final. **Applicants note that the content of this interview may overlap substantially with that on parent case 10/201,454, such that the two may be combined.** During the interview, the parties would like to discuss filing a Request for Continued Examination submitting the following claim amendment in the subject case. Applicants wish to know only if the proposed amendment will overcome the rejections over prior art as applied (i.e., will require further search and consideration). Of course, the Examiner would be free to raise any other issues she feels will advance prosecution in this application:

1. (Currently Amended) A computer-readable recording medium having a data structure for managing reproduction of at least video data representing multiple reproduction paths, comprising:

a data area storing at least video data as a transport stream in more than one file, each file associated with a different one of the multiple reproduction paths, and the files being interleaved with one another; and

a navigation area storing at least one navigation list file, the at least one navigation list file including at least a first navigation data item and a second navigation data item, ~~the at least one navigation list controlling a reproduction order of the navigation data items,~~ the first navigation data item referencing more than one map for managing the multiple reproduction paths, ~~each map for managing one of the multiple reproduction paths~~, a flag being stored in the first navigation data item, the value of the flag indicating that the first navigation data item references more than one map, the first navigation data item including an indicator having a value of the number of reproduction paths associated with the first navigation data item, the second data item referencing a single map for managing a single reproduction path, a flag being stored in the second navigation data item, the value of the flag indicating that the second navigation data item references a single map, each navigation data

item including an identifier indentifying at least one map file associated with the navigation data item, the map file including at least one map each map providing position information data for the video data, the navigation list file being separate from the map file and stream files of the file associated with the reproduction path managed by the map.

The claim amendment is attempting to recite an "identifier" not currently in Sawabe or Yamane. The amendment also attempts to clarify that the navigation list file, map file, and stream file cannot be all in the same "file." Thus, if the PGC1 of Sawabe is applied as, for example, the navigation list file, some other file would need to be identified to meet the map and stream files. Applicants request only the Examiner's indication whether such an amendment would overcome Sugimoto as applied with the other references.